

ABSTRACT

A pump for use with a fluid is disclosed. The pump includes a housing, a pump inlet, a pump outlet, a drive shaft provided within the housing, and multiple stages provided within the housing. Each stage includes a body  
5 having a fluid inlet, a fluid outlet, and an interior volume. An impeller is provided in the interior volume, coupled to the drive shaft. The body further includes a vent allowing fluid communication between the interior volume and a volume outside of the body.